

## Claims

1. Optical apparatus (binoculars, camera and the like) for the optical detection of objects (geographical locations, persons, vehicles, and the like), whose identifying data are stored in satellite-aided transmission systems,
  - with an apparatus for optical fine focusing of such an object viewed along a target line,
  - with an apparatus to detect the distance to the object,
  - with a measuring device to detect the angle of incline from global data lines to the target line,
  - with a receiver to receive satellite signals,
  - with a computer to process data, including distance, angle of incline, satellite signals, and the data of the satellite-aided transmission system, and
  - with a display for the specific display of data relating to the object, characterized by the features that
    - the computer processes also the distance value, which varies with fine focusing, and
    - the identification data for the object in question will appear on the display as an intentional output of the program.
2. Apparatus according to Claim 1, characterized by having the computer work exclusively with electronic inputs.
3. Apparatus according to Claim 1 or 2, characterized by using a navigation satellite system to determine the position.
4. Apparatus according to one of the preceding claims, characterized by having the measurement unit cooperate with a compass to detect the azimuth angle between the target line and the North-South direction.
5. Apparatus according to one of the preceding claims, characterized by having the measurement unit cooperate with a height-measuring device to detect the elevation angle between the target line and the horizontal and/or the vertical.
6. Apparatus according to one of the preceding claims, characterized by having a display that consists of an LCD (liquid crystal display) with transparent electrodes on the display surface.
7. Apparatus according to one of the preceding claims, characterized by using a printer as the display to print out the data.
8. Apparatus according to one of the preceding claims, characterized by using a sound-producing apparatus and a loudspeaker to process the data into audible signals.

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